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Ted Martinez

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Hillman et al.

Title: CALCIUM-BINDING PROTEIN

Serial No.: To Be Assigned Filing Date: Herewith

Examiner: To Be Assigned Group Art Unit: To Be Assigned

**Official Draftsman**

Commissioner for Patents  
Washington, D.C. 20231

**SUBMISSION OF FORMAL DRAWINGS**

Sir:

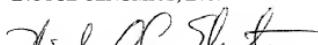
Transmitted herewith are Figures 1A, 1B, 1C, 2A, 2B, 3A, and 3B, as six (6) sheets of formal drawings for this application. Each sheet of drawing indicates the identifying indicia suggested in 37 CFR Section 1.84(c) on the reverse side of the drawings.

Applicants believe that no fee is due with this paper. However, if the Commissioner determines that a fee is necessary, the Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No. **09-0108**. A duplicate copy of this communication is enclosed.

If there are any questions regarding the above, the Examiner is invited to call the undersigned at 650-855-0555.

Respectfully submitted,  
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Date: 23 January 2001



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FIGURE 1A

TRANSLATION CHANGES

	387	396	405	414	423	432
GAC	TCG	GTG	AGC	GCG	TGG	GAC
D	S	V	S	A	W	D
GGT	TGG	GAG	GAG	CTG	CGC	AAAC
G	W	E	E	L	R	N
441	450	459	468	477	486	
GCC	GCC	ACC	TAT	GCG	CAC	TAC
495	504	513	522	531	540	
TTT	CAT	GAC	GTG	GAG	GAT	GCA
F	H	D	V	E	D	A
549	558	567	576	585	594	
CGG	CGT	TTC	CGG	GTG	GCC	GAC
R	R	F	R	V	A	D
603	612	621	630	639	648	
CTG	ACA	GCC	TTC	CTG	CAC	CCC
L	T	A	F	L	H	P
657	666	675	684	693	702	
GCT	GAA	ACC	CTG	GAG	GAC	CTG
A	E	T	L	E	D	L

FIGURE 1B

GAG TAC ATC GCG GAT CTG TAC TCA GCC GAG CCT GGG GAG GAG GAG CCG GCG TGG	711	720	729	738	747	756
E Y I A D L Y S A E P G E E P A W						
GTG CAG ACG GAG AGG CAG CAG TTC CGG GAC TTC CGG GAT CTG AAC AAG GAT GGG	765	774	783	792	801	810
V Q T E R Q F R D F R D L N K D G						
CAC CTG GAT GGG AGT GAG GTG GGC CAC TGG GTG CTC CCC CCT GCC CAG GAC CAG	819	828	837	846	855	864
H L D G S E V G H W V L P P A Q D Q						
CCC CTG GTG GAA GCC AAC CAC CTG CTG CAC GAG AGC GAC ACG GAC AAG GAT GGG	873	882	891	900	909	918
P L V E A N H L L H E S D T D K D G						
CGG CTG AGC AAA GCG GAA ATC CTG GGT AAT TG AAC ATG TTT GTG GGC AGT CAG	927	936	945	954	963	972
R L S K A E I L G N W N M F V G S Q						
GCC ACC AAC TAT GGC GAG GAC CTG ACC CGG CAC CAC GAT GAG CTG TGA GCA CG	981	990	999	1008	1017	1026
A T N Y G E D L T R H H D E L						
CGC ACC TGC CAC AGC CTC AGA GGC CCG CA 3'	1035	1044	1053			

FIGURE 1C

1	M M M	- - -	R P S V L L L L L L R H G A Q G K P	- S P D A G P H G Q G R V H	2509570
1	M A R G G R G R	R L G L A	[G L L L A L V L A P R V L R A K P T V R K E R V V R	GI 1262329	
1	M A R G G R - - - L G L A L	G L L L A L V L A - - - L R A K P T V R K E R V V R	GI 220582		
36	Q A A P L S D A P H D D A H G N F Q Y D H E A F L G R E V A K E F D Q L T P E	2509570			
41	P D S E L G E R P P E D N Q S - F Q Y D H E A F L G K E D S K T F D Q L T P D E	GI 1262329			
35	P D S E L G E R P P E D N Q S - F Q Y D H E A F L G K E D S K T F D Q L S P D E	GI 220582			
76	S Q A R L G R I V D R M D R A G D G D G W V S L A E L R A W I A H T Q O R H I R	2509570			
80	S K E R L G K I V D R I D - N D G D G F V T T E E L K T W I K R V Q [K R Y I F	GI 1262329			
74	S K E R L G K I V D R I D - S D G D G L V T T E E L K L W I K R V Q [K R Y I Y	GI 220582			
116	D S V S A A W D T Y D T D R D G R V G W E E L R N A T Y G H Y - A P G E E F H D	2509570			
118	D N V A K V W K D Y D R D K D D K I S W E E Y K Q A T Y G Y Y L G N P A E F H D	GI 1262329			
112	D N V A K V W K D Y D R D K D E K I S W E E Y K Q A T Y G Y Y L G N P A E F H D	GI 220582			
155	V E D A E T Y K K M L A R D E R R F R V A D Q D G D S M A T R E E L T A F L H P	2509570			
158	S S D H H T F K K M L P R D E R R F K A A D L N G D L T A T R E E F T A F L H P	GI 1262329			
152	S S D H H T F K K M L P R D E R R F K A S D L D G D L T A T R E E F T A F L H P	GI 220582			

FIGURE 2A

195 E E F P H M R D I V I A E T T E D I D R N K D G Y V O V E E Y I A D L Y S A E P 2509570  
 198 E E F E H M K E I V V L E T T E D I D K N G D G F V D Q D E Y I A D M F S H E E G I 1262329  
 192 E E F E H M K E I V V L E T T E D I D K N G D G F V D Q D E Y I A D M F S H E D G I 220582  
  
 235 G E E E P A W V O T E R Q Q F R D F R D L N K D G H L D G S E V G H W V L P P A 2509570  
 238 N G P E P D W V L S E R E Q F N E F R D L N K D G K L D K D E I R H W I L P Q D G I 1262329  
 232 N G P E P D W V L S E R E Q F N D F R D L N K D G K L D K D E I R H W I L P Q D G I 220582  
  
 275 Q D O P L V E A N H L L H E S D T D K D G R L S K A E I L G N W N M F V G S Q A 2509570  
 278 Y D H A Q A E A R H L V Y E S D K N K D E K L T K E E I L E N W N M F V G S Q A G I 1262329  
 272 Y D H A Q A E A R H L V Y E S D K N K D E M L T K E E I L D N W N M F V G S Q A G I 220582  
  
 315 T N Y G E D L T R H H D E L  
 318 T N Y G E D L T K N H D E L  
 312 T N Y G E D L T K N H D E L

FIGURE 2B

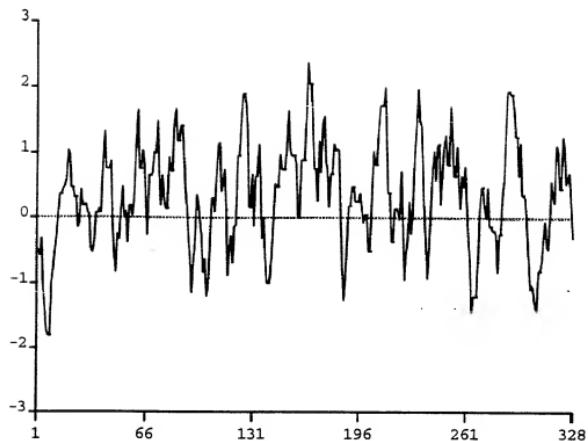


FIGURE 3A

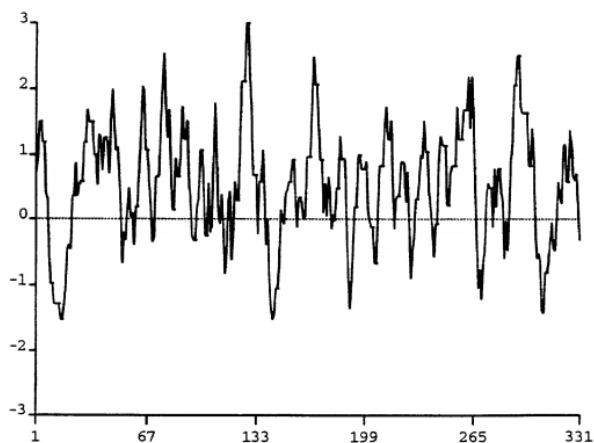


FIGURE 3B